



FIG. 3

No. of parallel resistors

402

Logic states of program signals

403

UP	DOWN	P1 301	P2 302	P3 303	P4 304
5	5	1	0	0	0
6	4	0	0	1	1
4	6	1	1	0	0
7	3	0	1	0	1
3	7	1	0	1	0
8	2	0	0	0	1
2	8	1	1	1	0
9	1	0	1	0	0
1	9	1	0	1	1
10	0	0	0	0	0
0	10	1	1	1	1

401

Results using 500 Ω resistors

405

Source resistance of Terminating network

404

Logic states of program signals

403

UP	DOWN	Z _T	P1 301	P2 302	P3 303	P4 304
100 Ω	100 Ω	100 Ω//100 Ω=50 Ω	1	0	0	0
83 Ω	125 Ω	83 Ω//125 Ω=50 Ω	0	0	1	1
125 Ω	83 Ω	125 Ω//83 Ω=50 Ω	1	1	0	0
71 Ω	166 Ω	71 Ω//166 Ω=50 Ω	0	1	0	1
166 Ω	71 Ω	166 Ω//71 Ω=50 Ω	1	0	1	0
62.5 Ω	250 Ω	62.5 Ω//250 Ω=50 Ω	0	0	0	1
250 Ω	62.5 Ω	250 Ω//62.5 Ω=50 Ω	1	1	1	0
55.5 Ω	500 Ω	55.5 Ω//500 Ω=50 Ω	0	1	0	0
500 Ω	55.5 Ω	500 Ω//55.5 Ω=50 Ω	1	0	1	1
50 Ω	∞	50 Ω//∞ Ω=50 Ω	0	0	0	0
∞	50 Ω	∞//50 Ω Ω=50 Ω	1	1	1	1

402

FIG. 4

FIG. 4

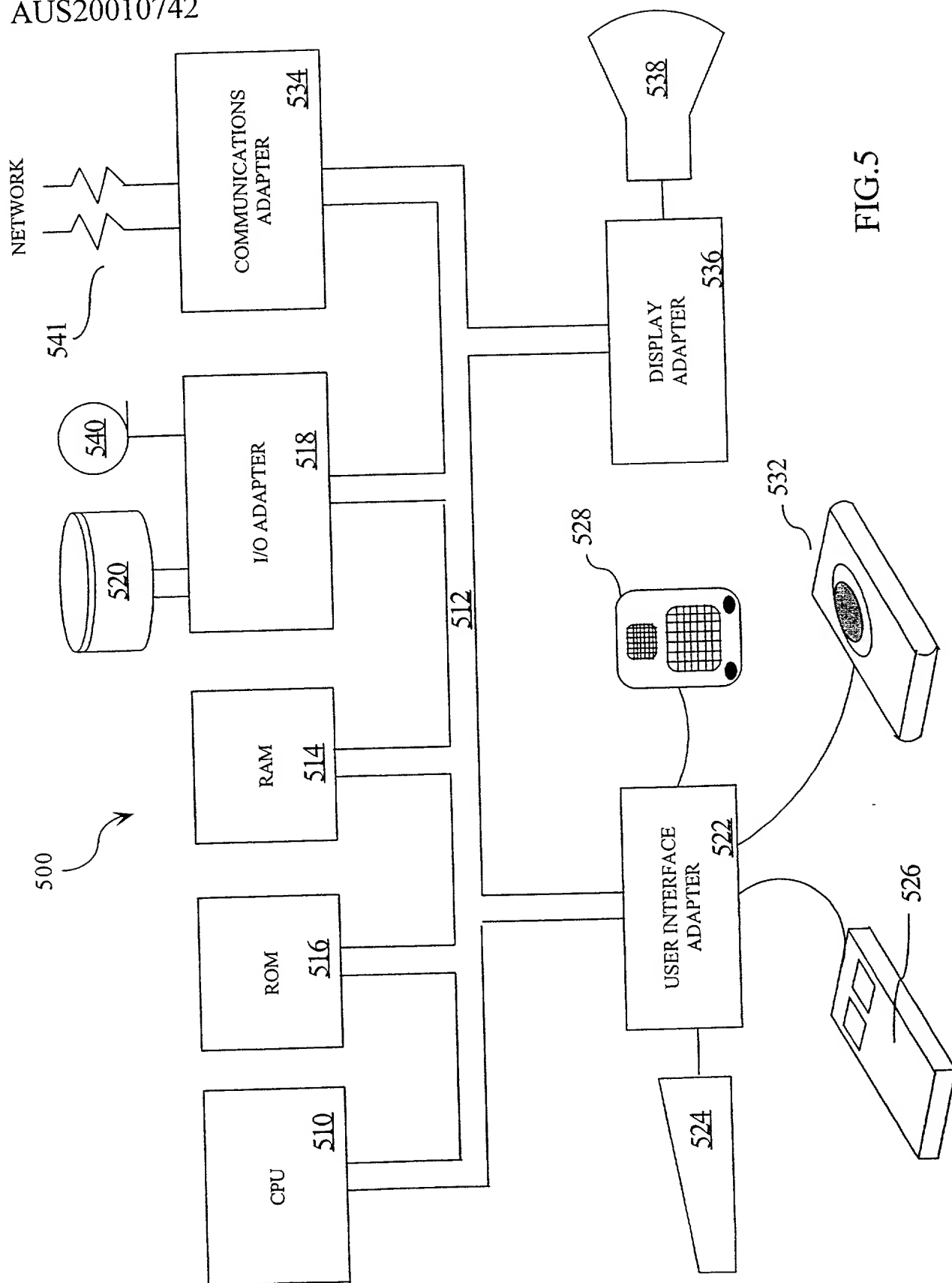


FIG.5